

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072976.D
 Acq On : 21 Jun 2022 12:16
 Operator : JC\MD
 Sample : N3357-10DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-44DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 22 06:59:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	340642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	540102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	489382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	250609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	199425	43.302	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.600%		
35) Dibromofluoromethane	7.951	113	169803	50.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.720%		
50) Toluene-d8	10.374	98	553955	44.595	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.180%		
62) 4-Bromofluorobenzene	12.663	95	247517	55.413	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.820%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.392	83	2771	0.509	ug/l	88
52) Toluene	10.439	92	5998	0.688	ug/l	90
67) Ethyl Benzene	11.780	91	1126962	66.984	ug/l	100
68) m/p-Xylenes	11.886	106	525419	79.623	ug/l	98
69) o-Xylene	12.216	106	27436	4.161	ug/l	95
73) Isopropylbenzene	12.516	105	51915	2.678	ug/l	97
78) n-propylbenzene	12.857	91	224252	10.516	ug/l	99
80) 1,3,5-Trimethylbenzene	12.992	105	225252	14.144	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	1371403	86.458	ug/l	98
85) sec-Butylbenzene	13.433	105	11718m	0.602	ug/l	
86) p-Isopropyltoluene	13.551	119	4496m	0.285	ug/l	
89) n-Butylbenzene	13.874	91	12647m	0.983	ug/l	
95) Naphthalene	15.427	128	502048	25.932	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

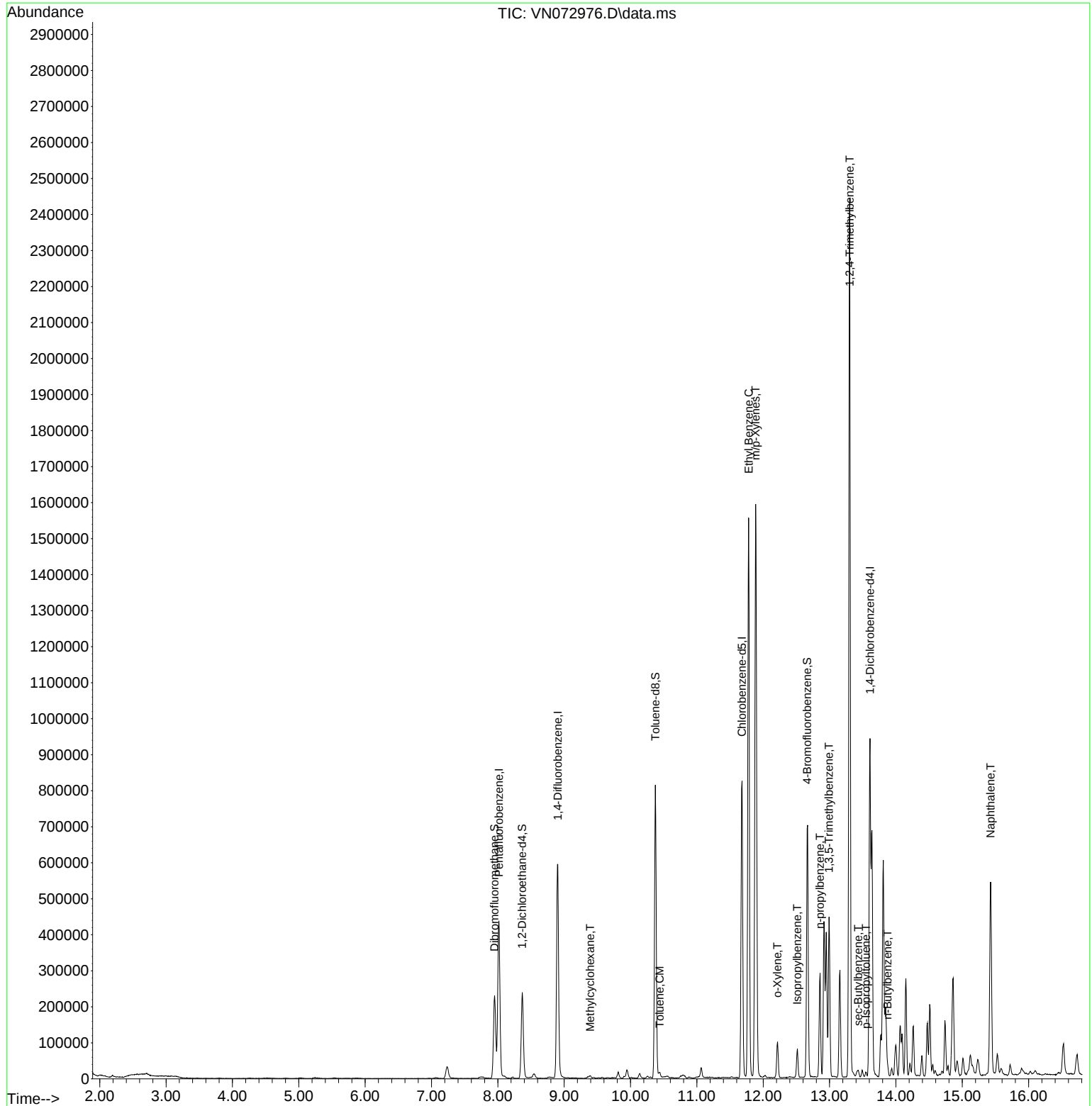
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
Data File : VN072976.D
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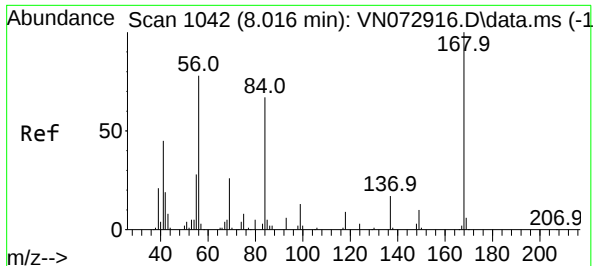
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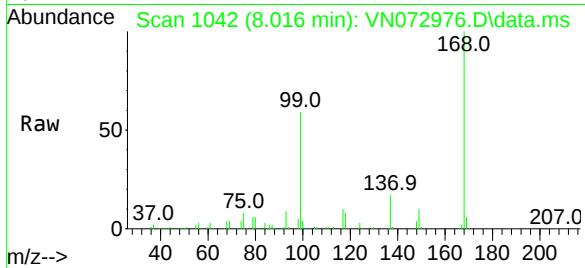
Quant Time: Jun 22 06:59:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072976.D
Acq: 21 Jun 2022 12:16

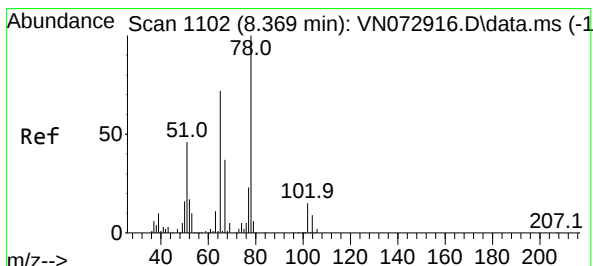
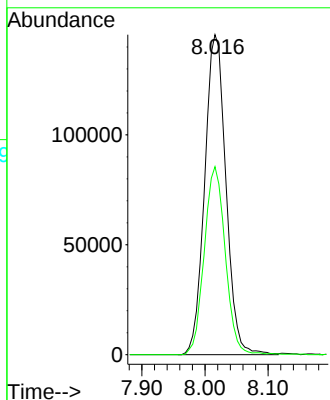
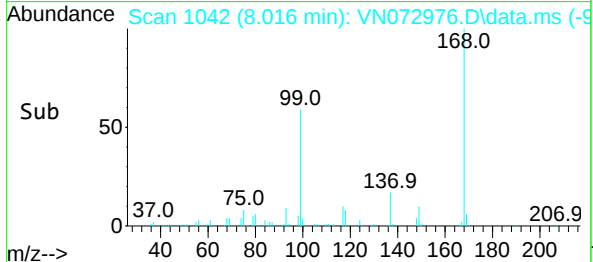
Instrument :
MSVOA_N
ClientSampleId :
MW-44DL



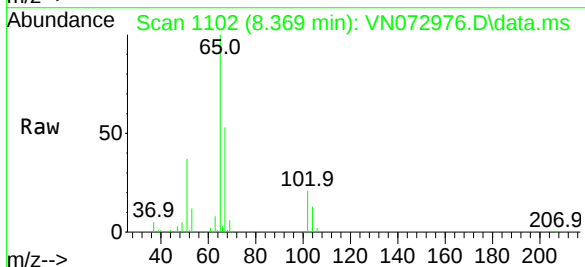
Tgt Ion:168 Resp: 34064
Ion Ratio Lower Upper
168 100
99 58.8 42.3 63.5

Manual Integrations
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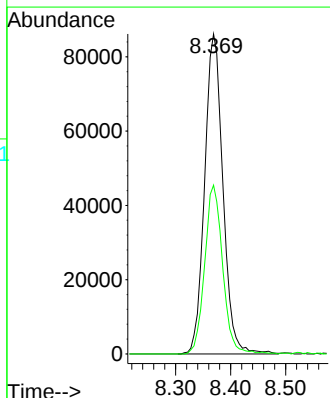
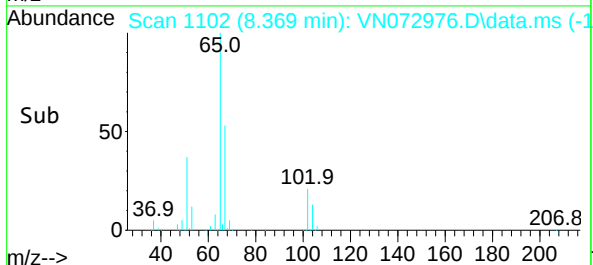
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

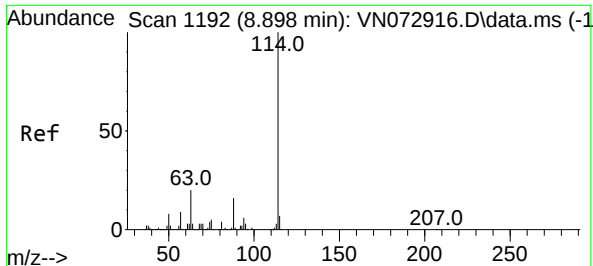


#33
1,2-Dichloroethane-d4
Concen: 43.302 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072976.D
Acq: 21 Jun 2022 12:16



Tgt Ion: 65 Resp: 199425
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN072976.D

Acq: 21 Jun 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

MW-44DL

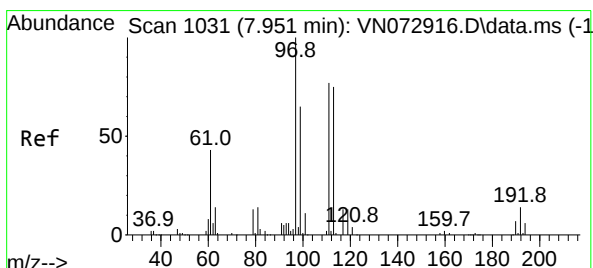
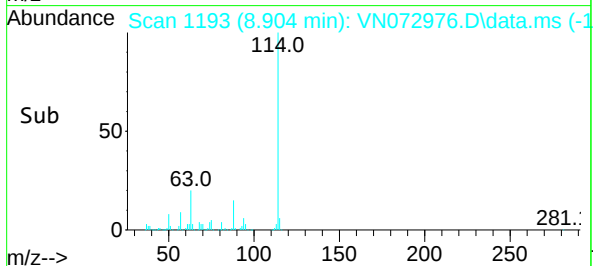
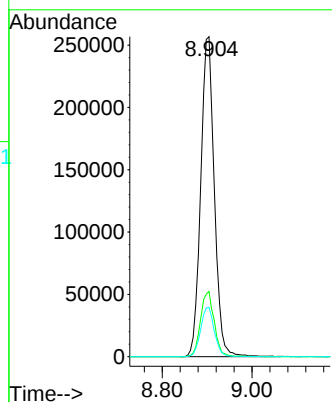
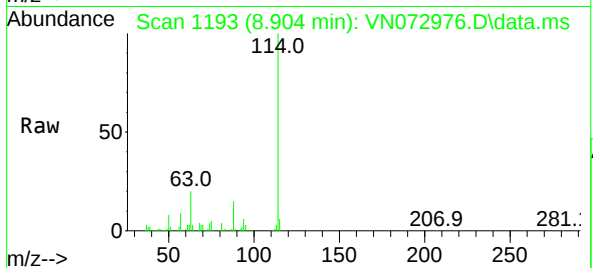
Tgt Ion:	114	Resp:	54010
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	40.0
88	15.4	0.0	32.6

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#35

Dibromofluoromethane

Concen: 50.865 ug/l

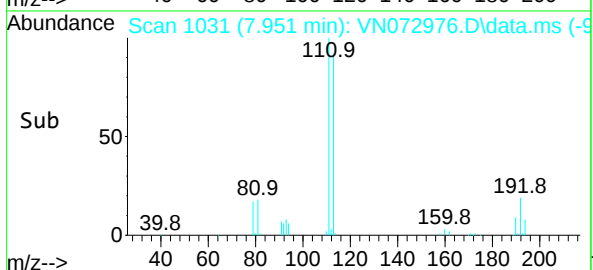
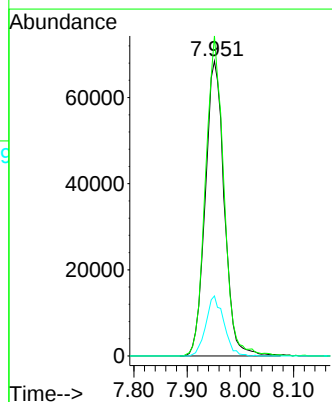
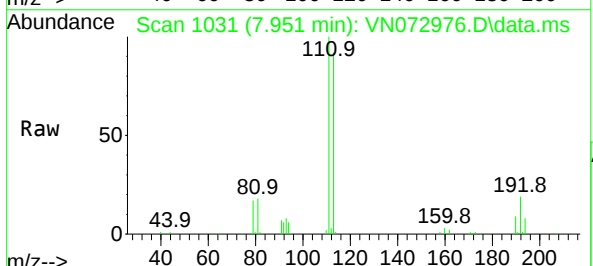
RT: 7.951 min Scan# 1031

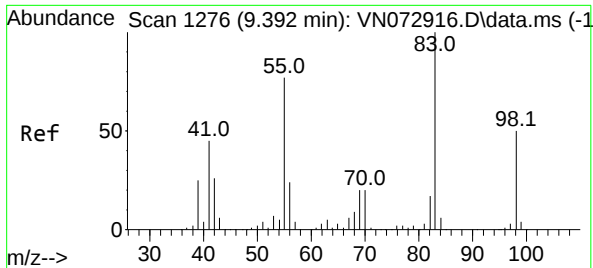
Delta R.T. 0.000 min

Lab File: VN072976.D

Acq: 21 Jun 2022 12:16

Tgt Ion:	113	Resp:	169803
Ion Ratio	Lower	Upper	
113	100		
111	104.9	81.4	122.0
192	19.2	17.0	25.6





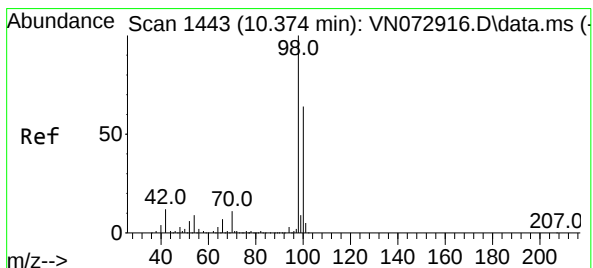
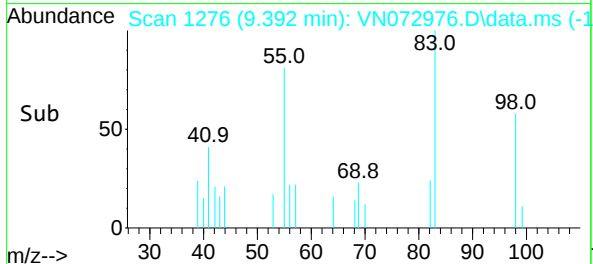
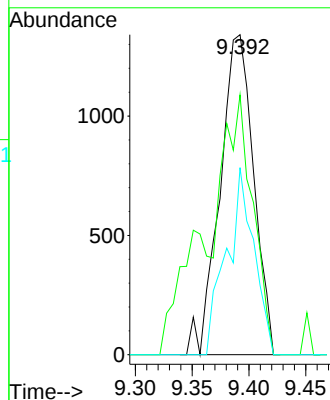
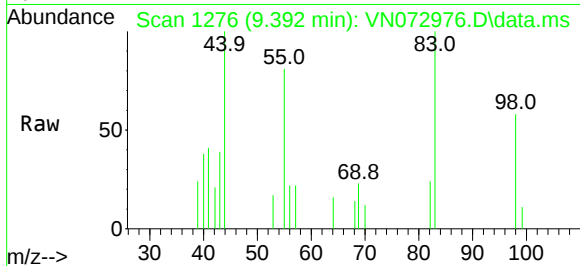
#39
Methylcyclohexane
Concen: 0.509 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN072976.D
Acq: 21 Jun 2022 12:16

Instrument :
MSVOA_N
ClientSampleId :
MW-44DL

Tgt Ion: 83 Resp: 277
Ion Ratio Lower Upper
83 100
55 81.2 57.8 86.8
98 58.5 39.4 59.2

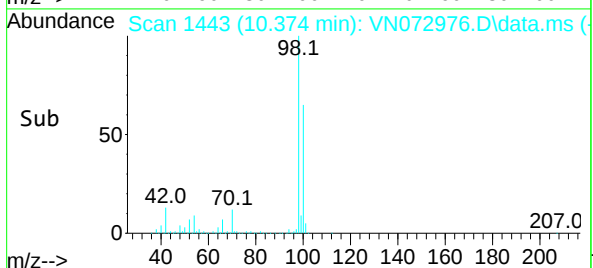
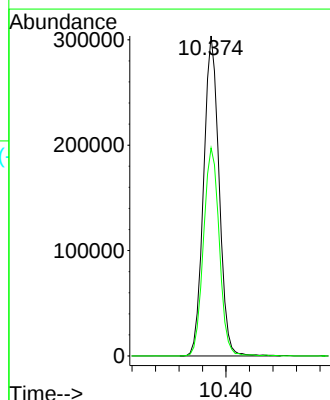
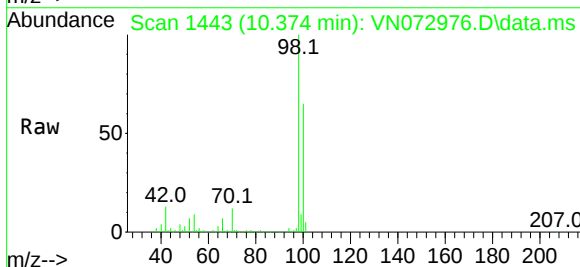
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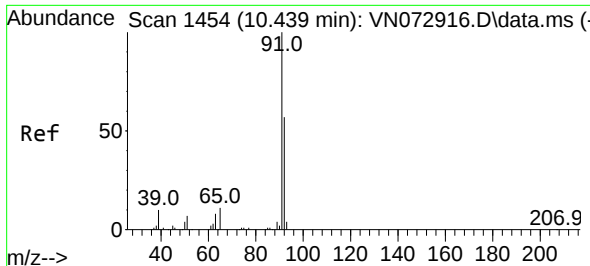
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#50
Toluene-d8
Concen: 44.595 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072976.D
Acq: 21 Jun 2022 12:16

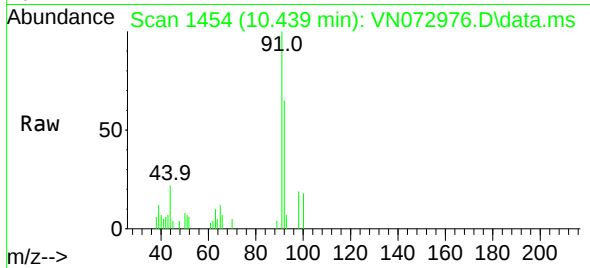
Tgt Ion: 98 Resp: 553955
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8





#52
Toluene
Concen: 0.688 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072976.D
Acq: 21 Jun 2022 12:16

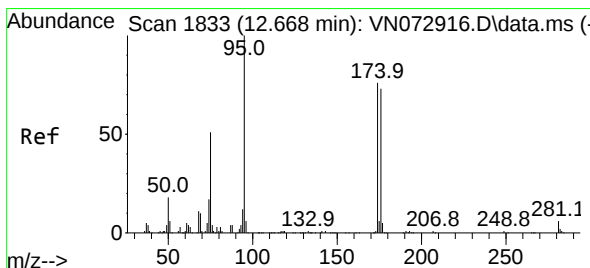
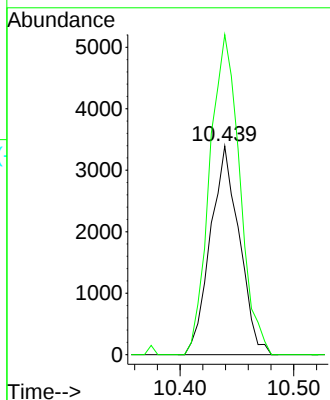
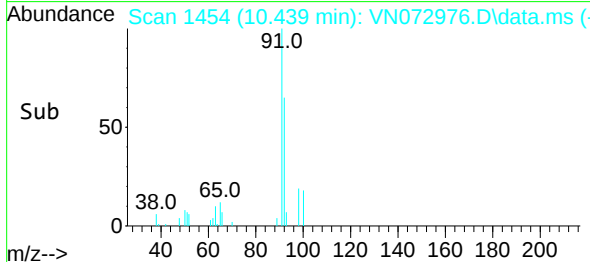
Instrument :
MSVOA_N
ClientSampleId :
MW-44DL



Tgt Ion: 92 Resp: 5998
Ion Ratio Lower Upper
92 100
91 159.2 138.6 207.8

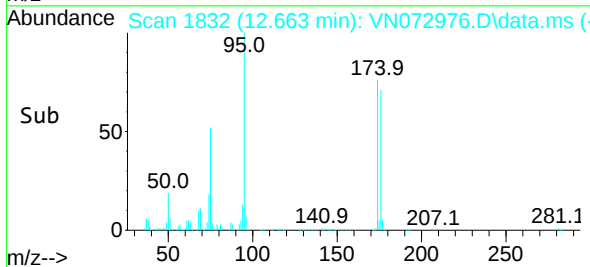
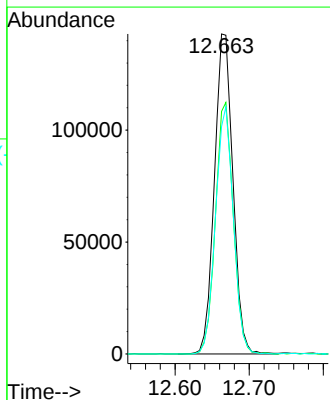
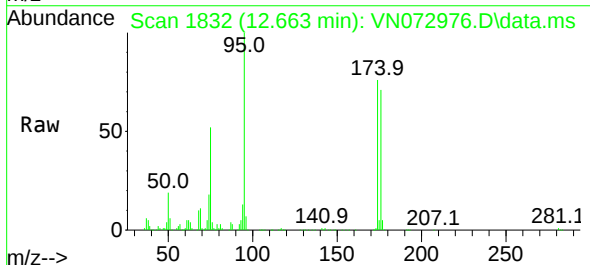
Manual Integrations
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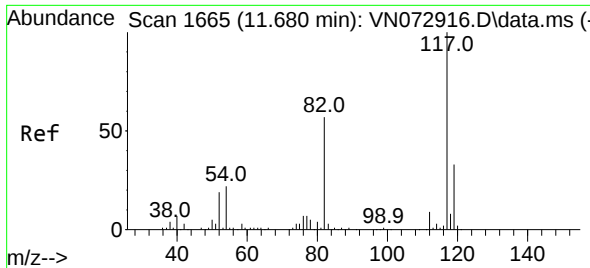
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#62
4-Bromofluorobenzene
Concen: 55.413 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN072976.D
Acq: 21 Jun 2022 12:16

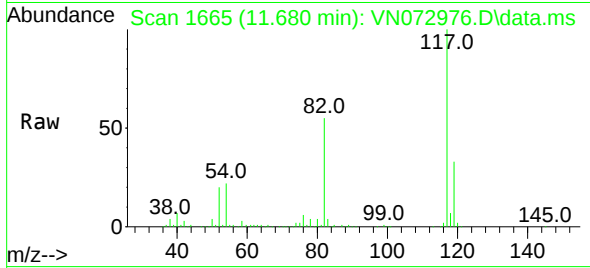
Tgt Ion: 95 Resp: 247517
Ion Ratio Lower Upper
95 100
174 76.0 0.0 167.6
176 74.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072976.D
Acq: 21 Jun 2022 12:16

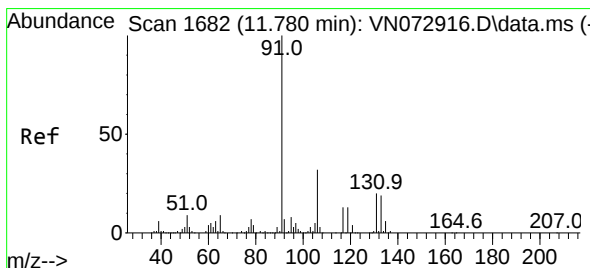
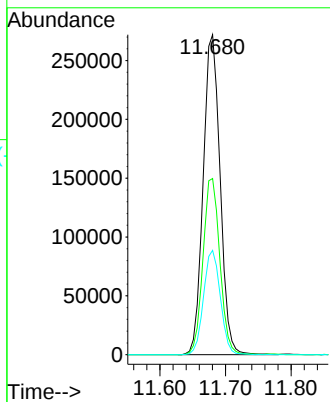
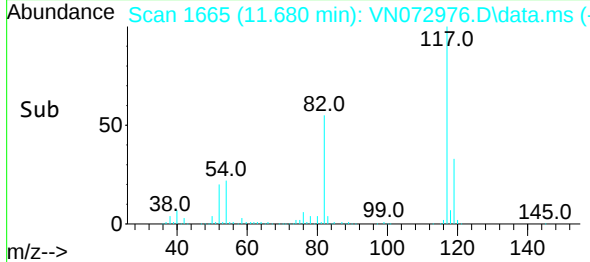
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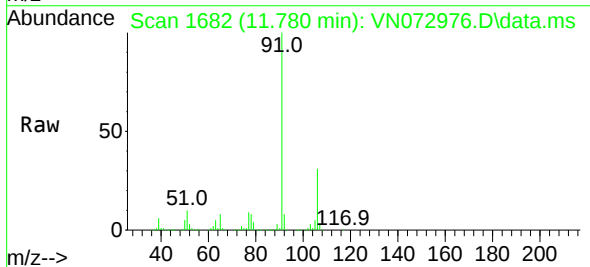
Tgt Ion:117 Resp: 489382
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.6 25.4 38.0

Manual Integrations
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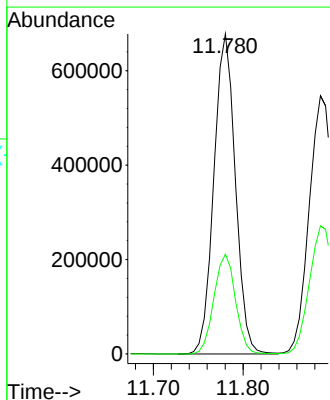
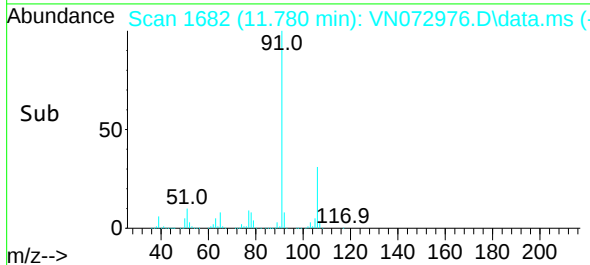
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

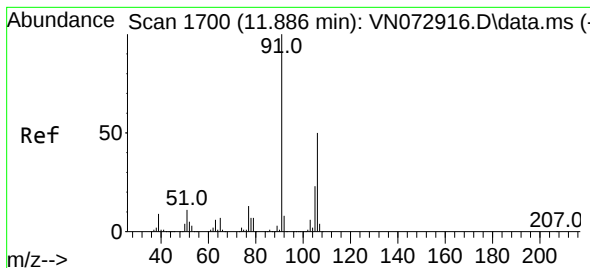


#67
Ethyl Benzene
Concen: 66.984 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072976.D
Acq: 21 Jun 2022 12:16



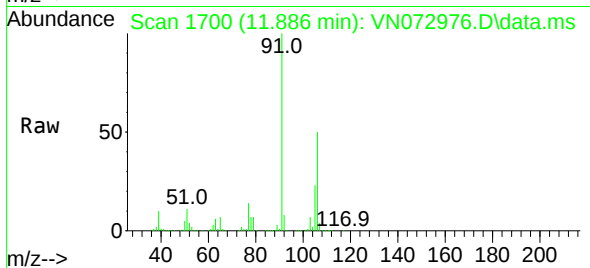
Tgt Ion: 91 Resp: 1126962
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3





#68
m/p-Xylenes
Concen: 79.623 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072976.D
Acq: 21 Jun 2022 12:16

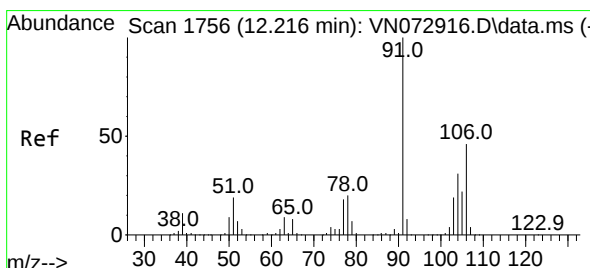
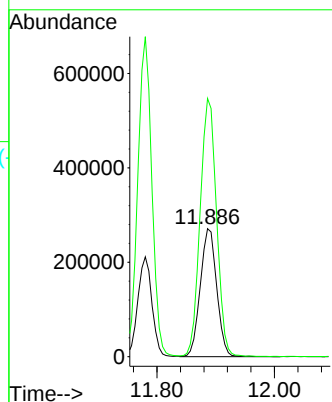
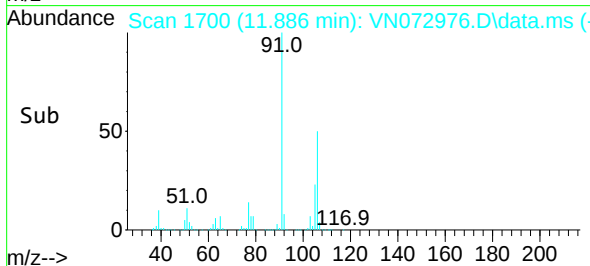
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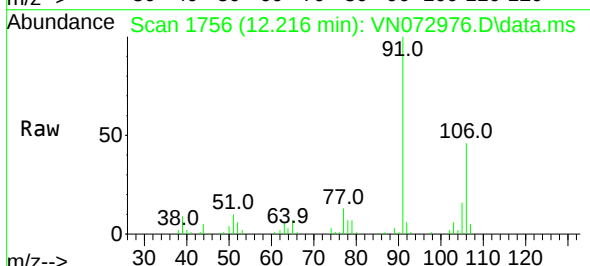
Tgt Ion:106 Resp: 525419
Ion Ratio Lower Upper
106 100
91 201.6 158.9 238.3

Manual Integrations
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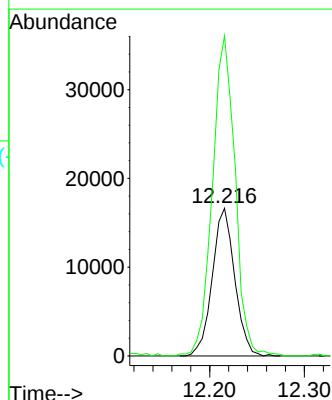
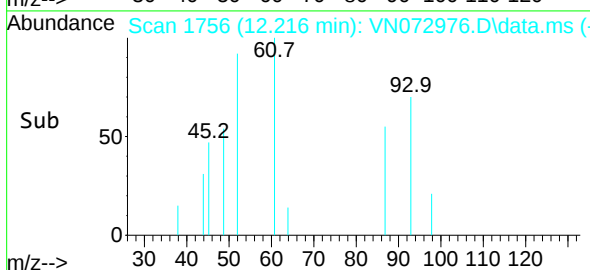
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

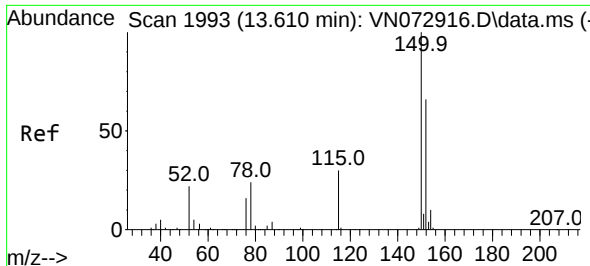


#69
o-Xylene
Concen: 4.161 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072976.D
Acq: 21 Jun 2022 12:16



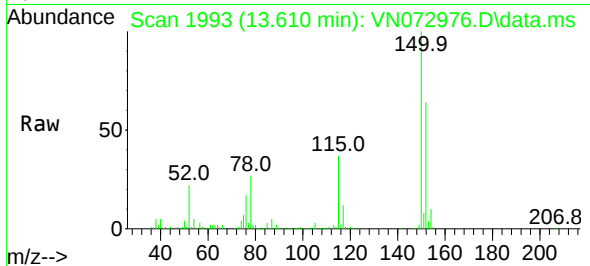
Tgt Ion:106 Resp: 27436
Ion Ratio Lower Upper
106 100
91 219.3 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072976.D
Acq: 21 Jun 2022 12:16

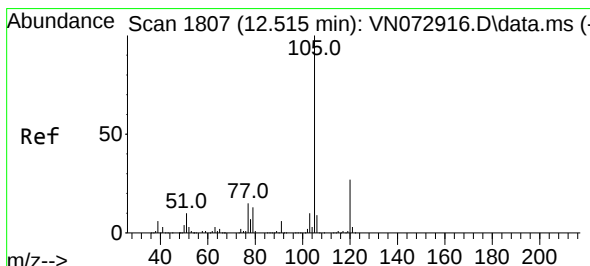
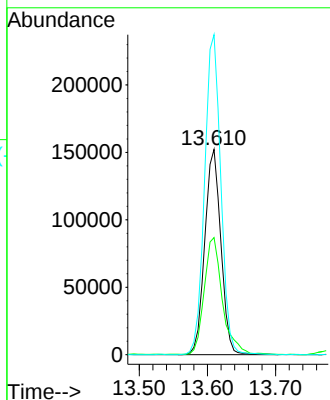
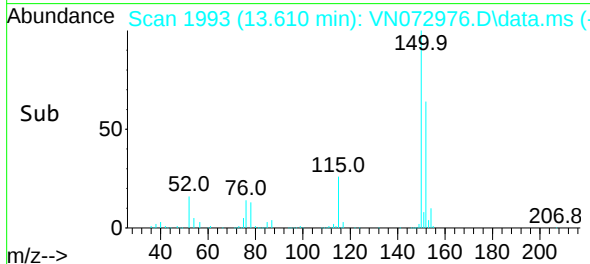
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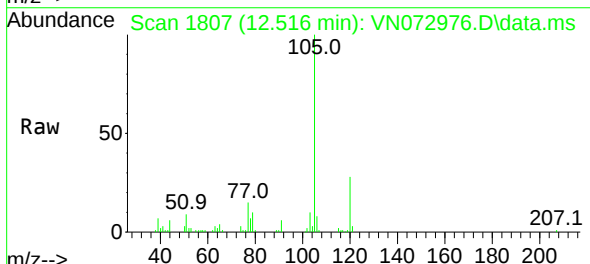
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Ion Ratio Lower Upper
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115 63.9 28.9 86.7
150 156.8 0.0 356.2

Manual Integrations
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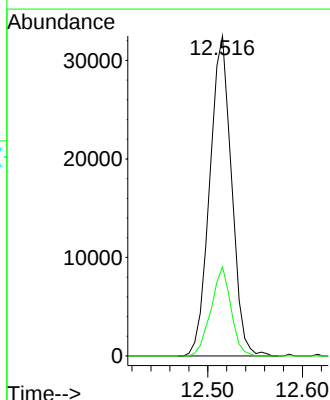
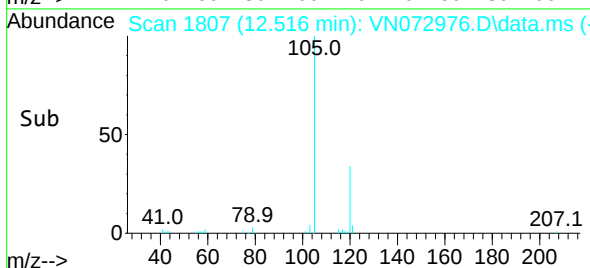
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

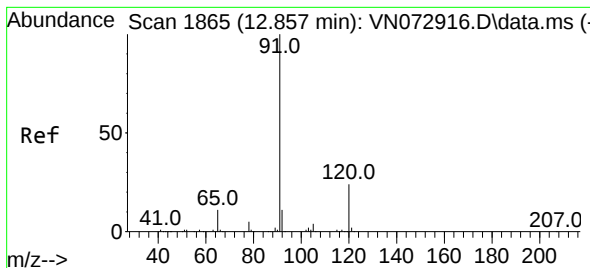


#73
Isopropylbenzene
Concen: 2.678 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN072976.D
Acq: 21 Jun 2022 12:16



Tgt Ion:105 Resp: 51915
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4





#78

n-propylbenzene

Concen: 10.516 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN072976.D

Acq: 21 Jun 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

MW-44DL

Tgt Ion: 91 Resp: 224252

Ion Ratio Lower Upper

91 100

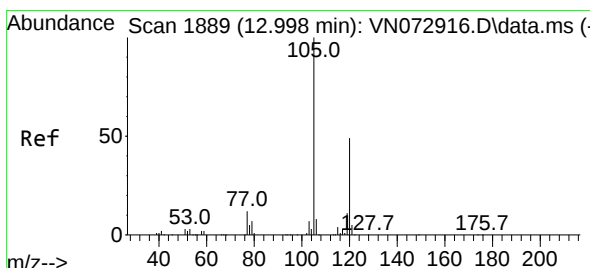
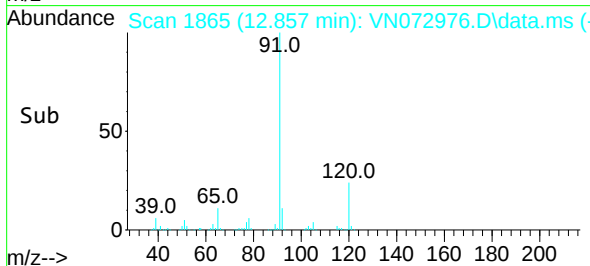
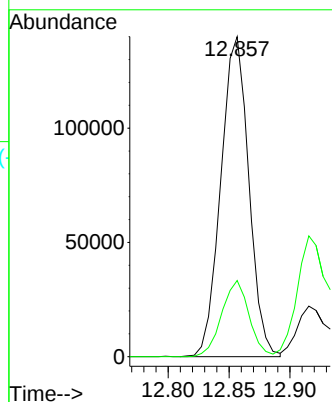
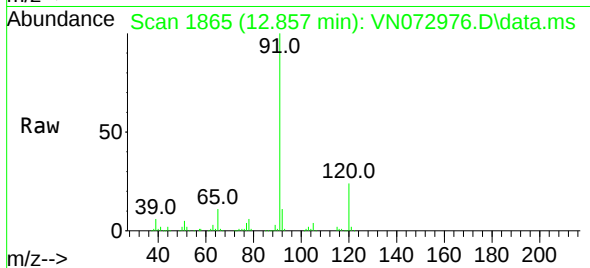
120 23.3 11.9 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#80

1,3,5-Trimethylbenzene

Concen: 14.144 ug/l

RT: 12.992 min Scan# 1888

Delta R.T. -0.006 min

Lab File: VN072976.D

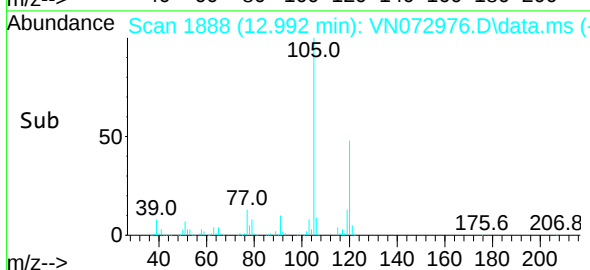
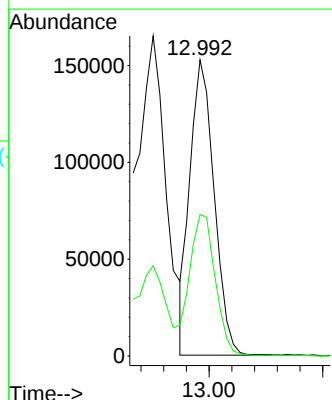
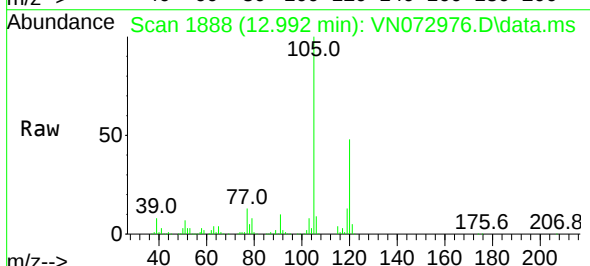
Acq: 21 Jun 2022 12:16

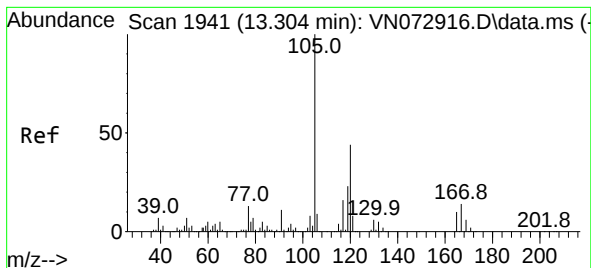
Tgt Ion:105 Resp: 225252

Ion Ratio Lower Upper

105 100

120 52.1 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 86.458 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN072976.D

Acq: 21 Jun 2022 12:16

Instrument :

MSVOA_N

ClientSampleId :

MW-44DL

Tgt Ion:105 Resp: 137140

Ion Ratio Lower Upper

105 100

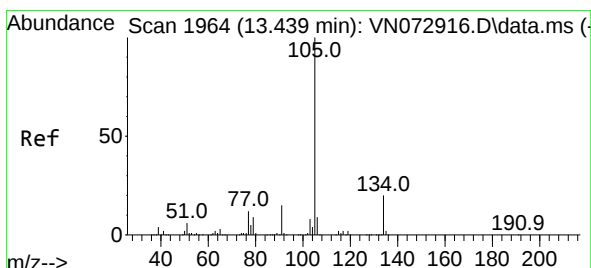
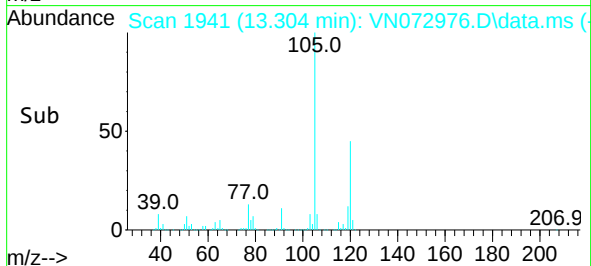
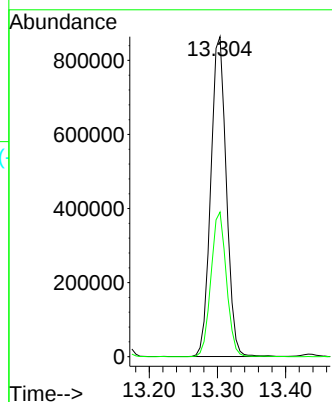
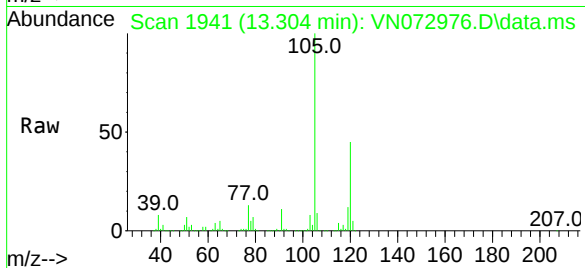
120 45.1 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#85

sec-Butylbenzene

Concen: 0.602 ug/l m

RT: 13.433 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VN072976.D

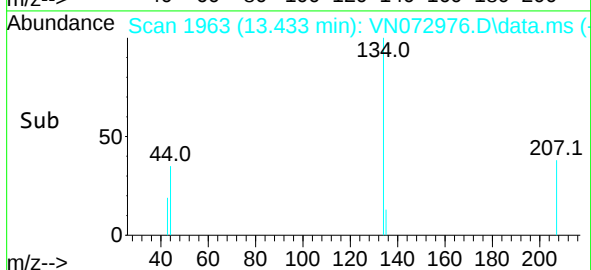
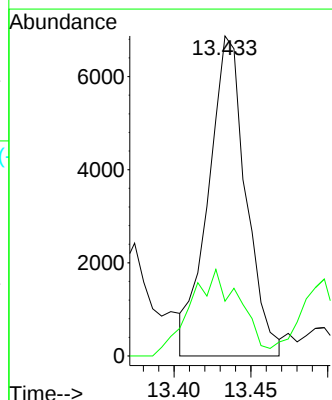
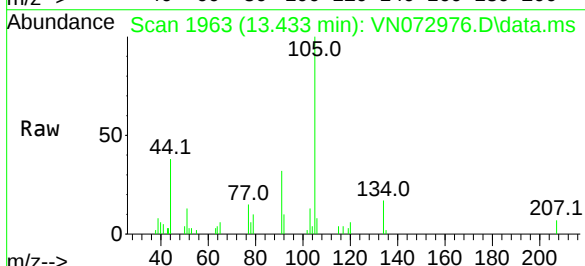
Acq: 21 Jun 2022 12:16

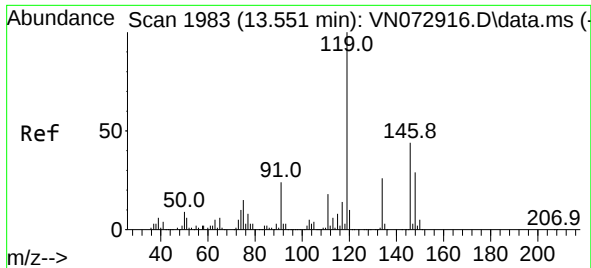
Tgt Ion:105 Resp: 11718

Ion Ratio Lower Upper

105 100

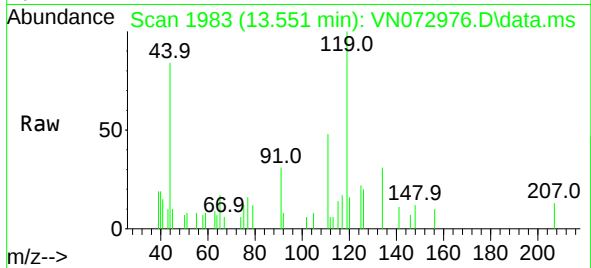
134 0.0 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 0.285 ug/l m
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN072976.D
Acq: 21 Jun 2022 12:16

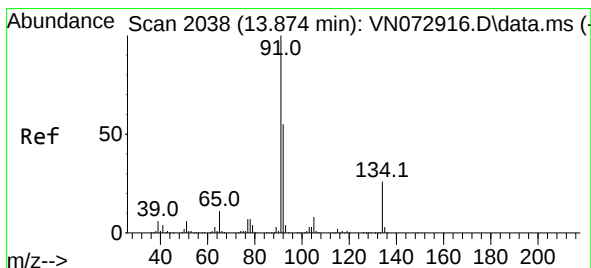
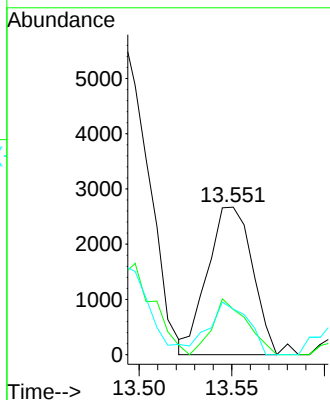
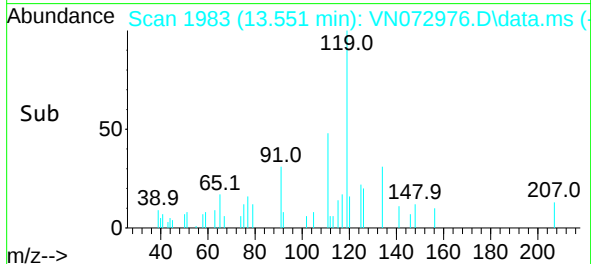
Instrument :
MSVOA_N
ClientSampleId :
MW-44DL



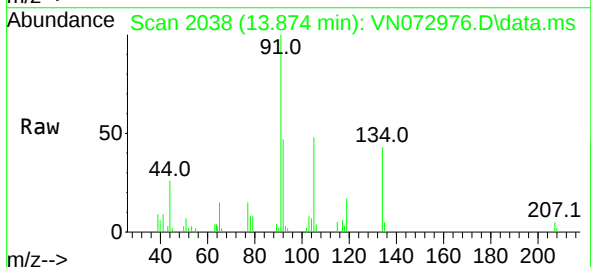
Tgt Ion: 119 Resp: 4490
Ion Ratio Lower Upper
119 100
134 64.8 13.3 39.8
91 0.0 11.3 33.9

Manual Integrations
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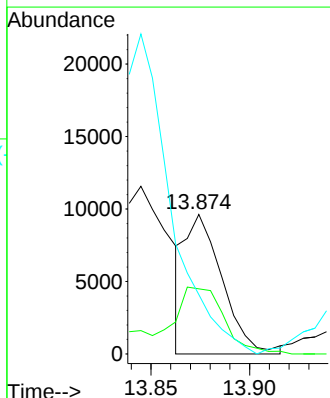
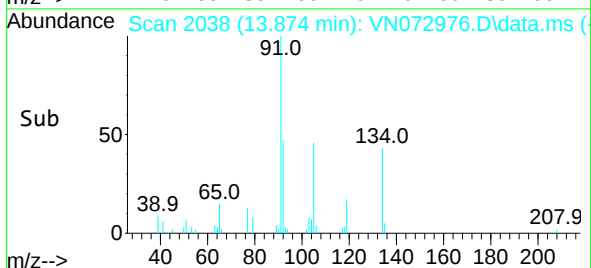
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

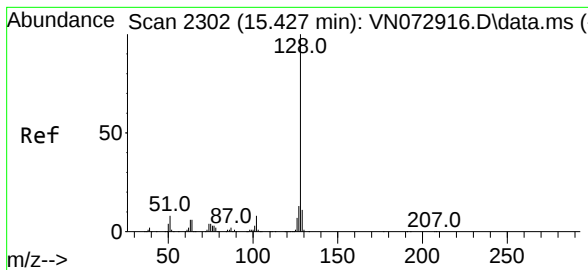


#89
n-Butylbenzene
Concen: 0.983 ug/l m
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN072976.D
Acq: 21 Jun 2022 12:16



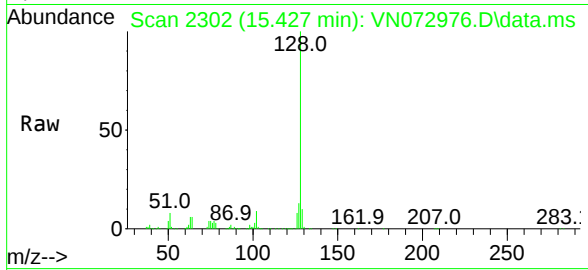
Tgt Ion: 91 Resp: 12647
Ion Ratio Lower Upper
91 100
92 72.4 26.9 80.7
134 0.0 13.6 40.8





#95
Naphthalene
Concen: 25.932 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072976.D
Acq: 21 Jun 2022 12:16

Instrument :
MSVOA_N
ClientSampleId :
MW-44DL



Tgt Ion:128 Resp: 502048
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

